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FIG. 1

ANGLES OF CMYK SCREENS

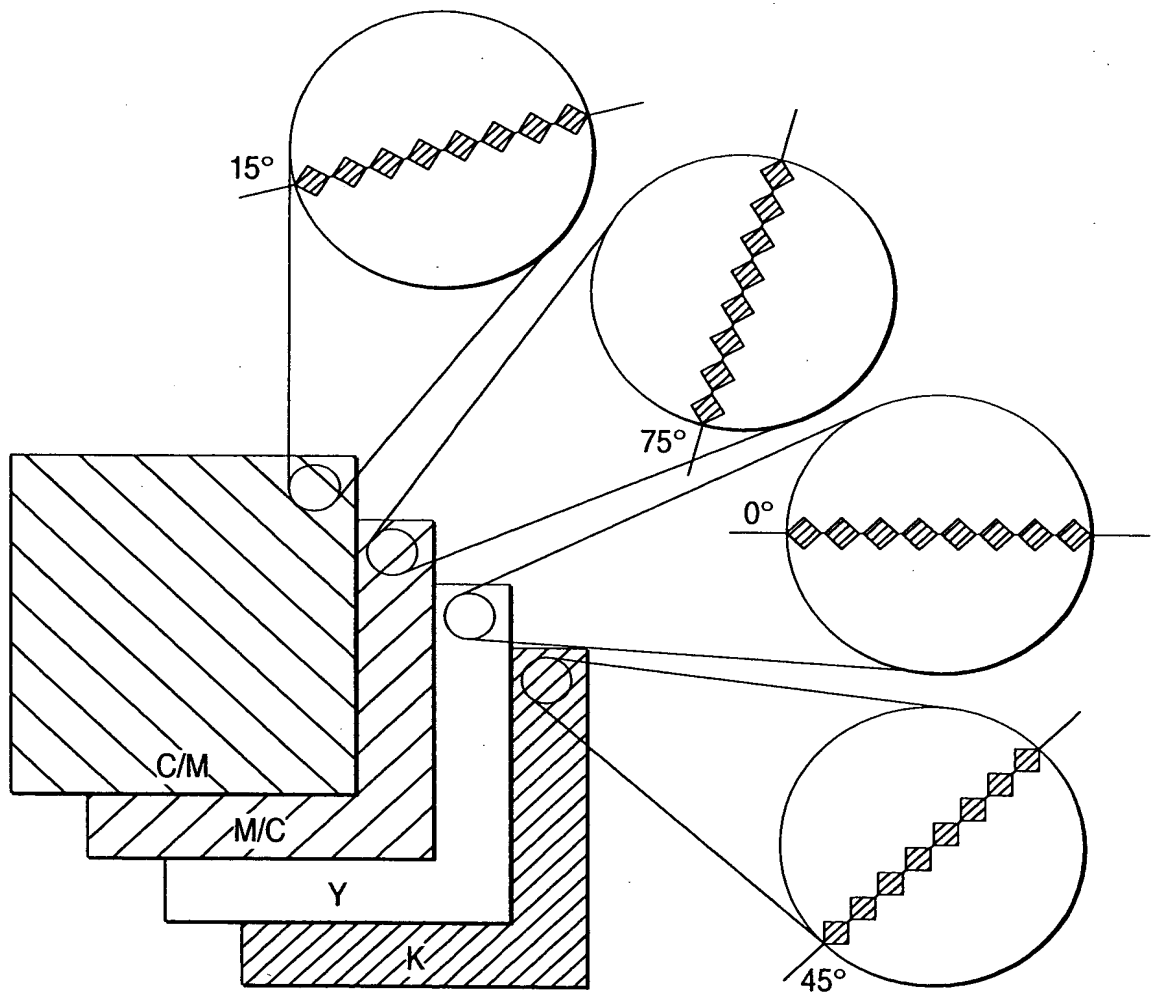
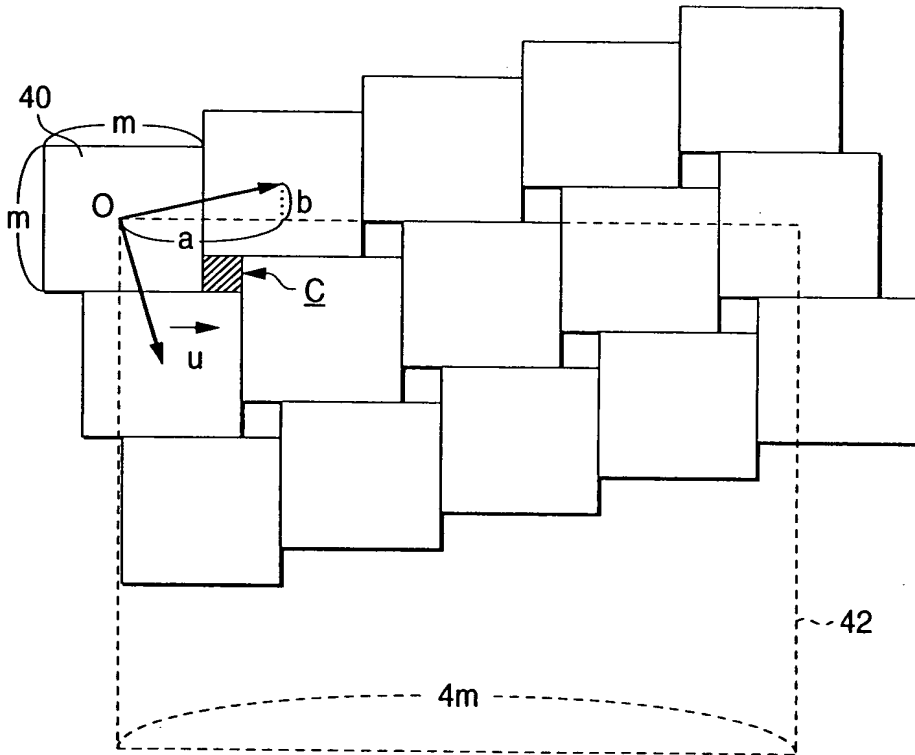


FIG. 2

METHOD OF DEFINING SCREEN ANGLES



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FIG. 3

EXAMPLE OF HALFTONE SPOT
ACCORDING TO THE INVENTION

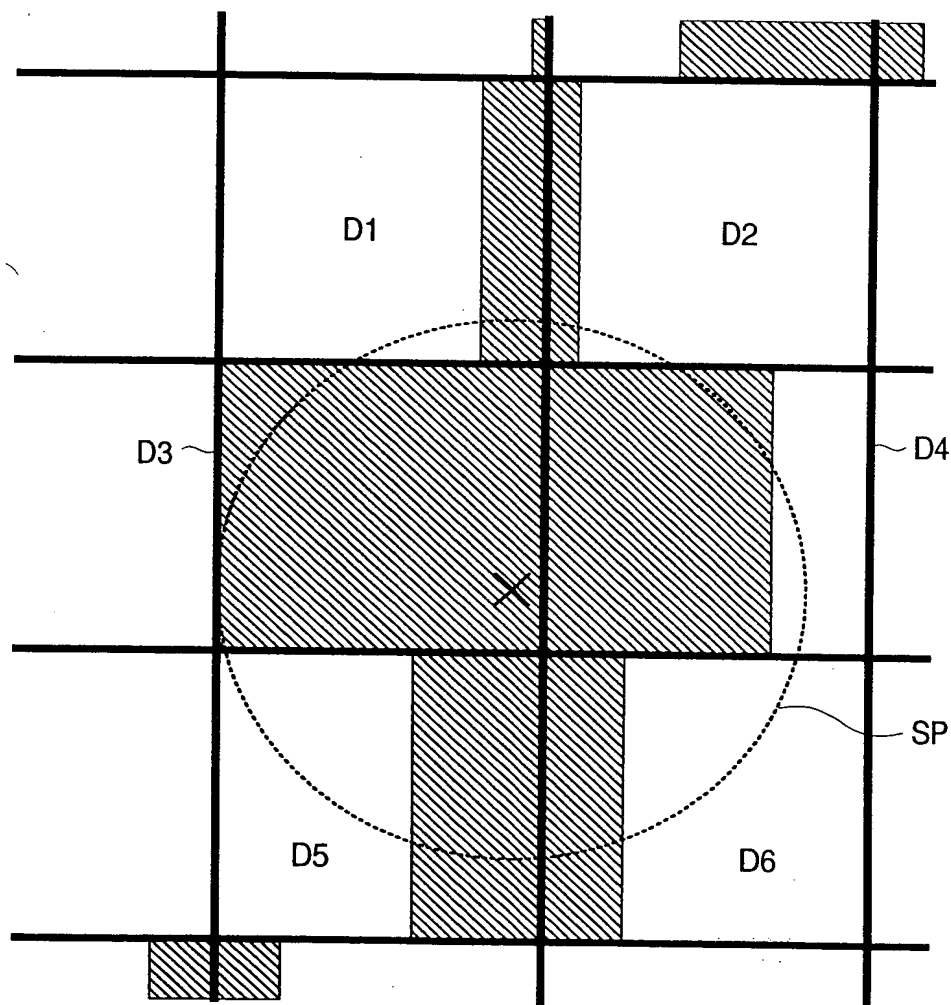
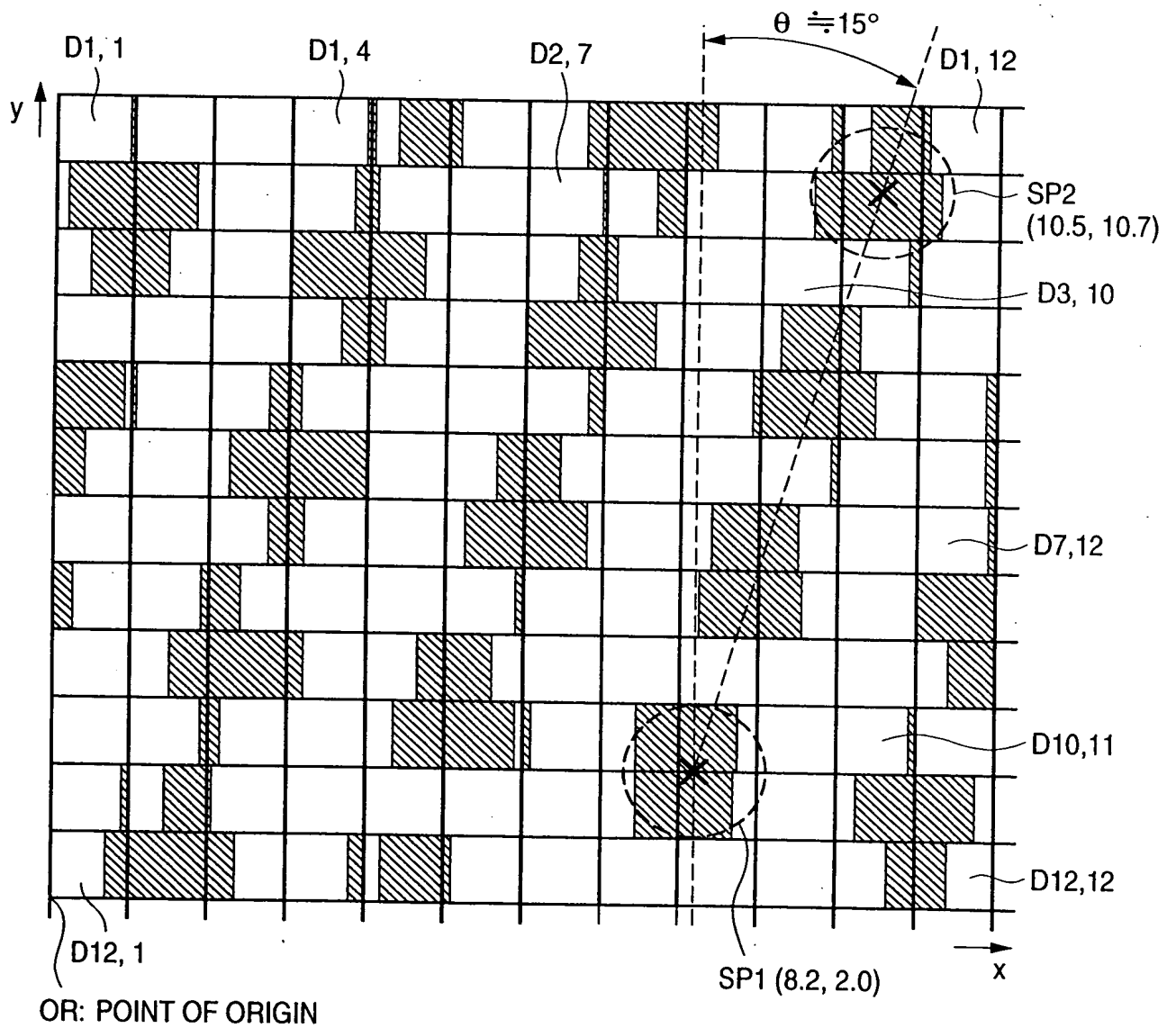


FIG. 4

EXAMPLE OF GROWN HALFTONE SPOTS
ACCORDING TO FIRST EMBODIMENT



CONVERSION TABLE (1)

FIG. 5 (A)

IMAGE DATA

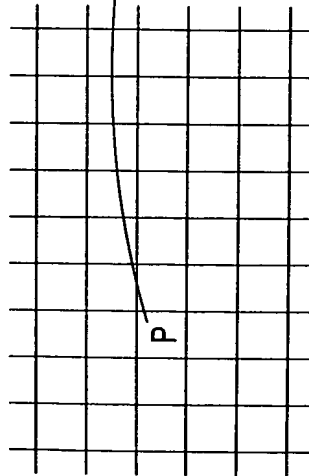


FIG. 5 (B)

PATTERN MATRIX

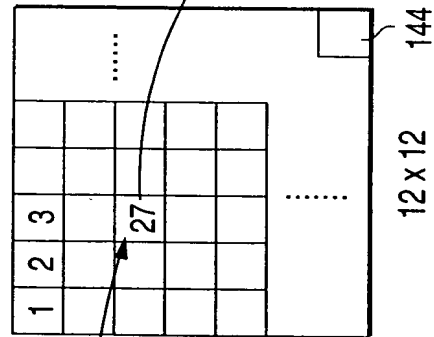


FIG. 5 (C)

γ TABLE

	INPUT LEVEL			
	0	1	2
1	0	0	0	255
2	0	0	0	255
3	0	0	0	255
...			
27	0	0	0	255
...				
...				
144	0	0	0	255

FIG. 6

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

EXAMPLE OF PATTERN MATRIX
ACCORDING TO FIRST EMBODIMENT

FIG. 7

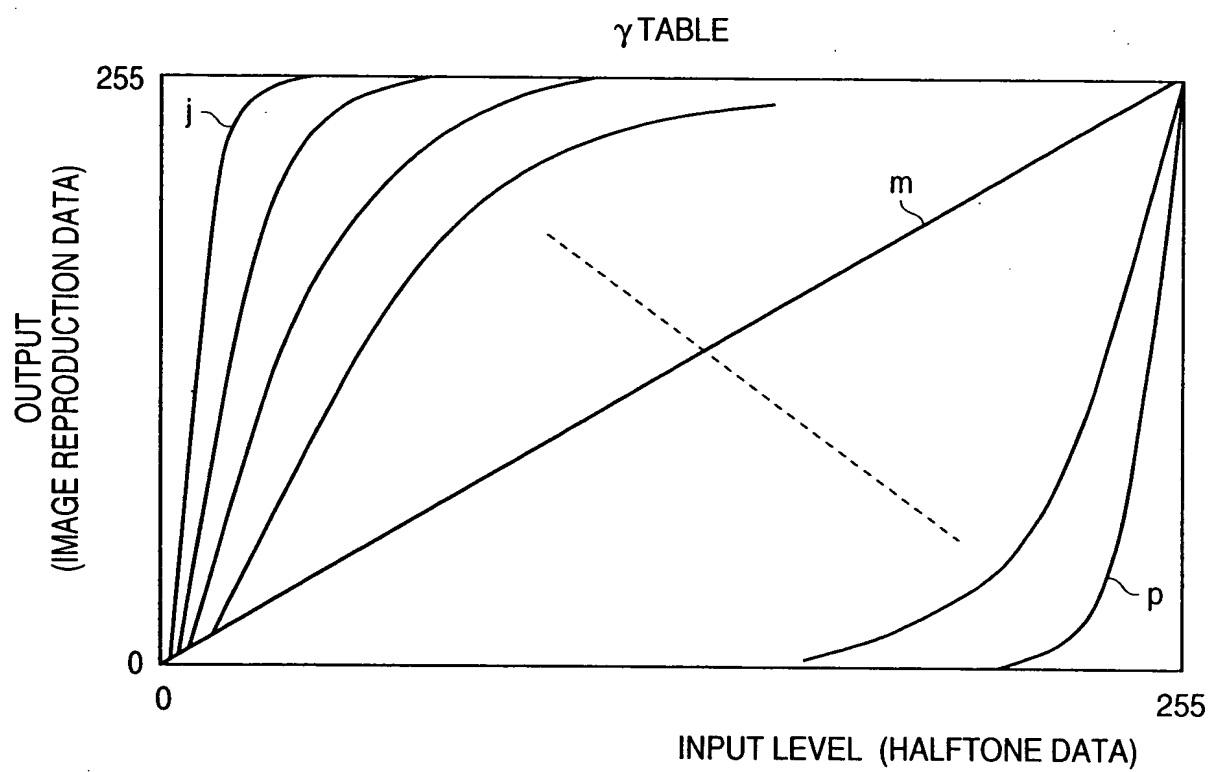


FIG. 8 (A) FIG. 8 (B) FIG. 8 (D) FIG. 8 (C)



FIG. 9

D1, 1			D1, 4			D2, 7			D3, 10		
1	2	3	1	4	5	6	7	8	9	4	10
11	12	13	9	14	15	1	6	13	6	7	16
4	8	17	18	12	19	20	5	15	1	14	3
14	21	15	20	16	9	18	22	17	11	16	15
23	10	9	5	3	24	6	10	9	18	8	6
8	25	11	23	10	20	8	3	26	17	21	9
27	15	6	16	28	11	12	2	11	29	3	1
16	9	8	13	15	17	10	26	11	22	17	18
25	20	30	5	6	22	13	24	31	21	26	4
32	33	5	21	4	23	14	4	12	13	1	14
33	4	14	15	17	10	3	4	22	2	11	34
6	7	8	6	35	5	24	36	27	15	20	8

D7, 12

D10, 12

D10, 11

EXAMPLE OF PATTERN MATRIX
ACCORDING TO SECOND EMBODIMENT

FIG. 10

EXAMPLE OF GROWN HALFTONE SPOTS
ACCORDING TO SECOND EMBODIMENT

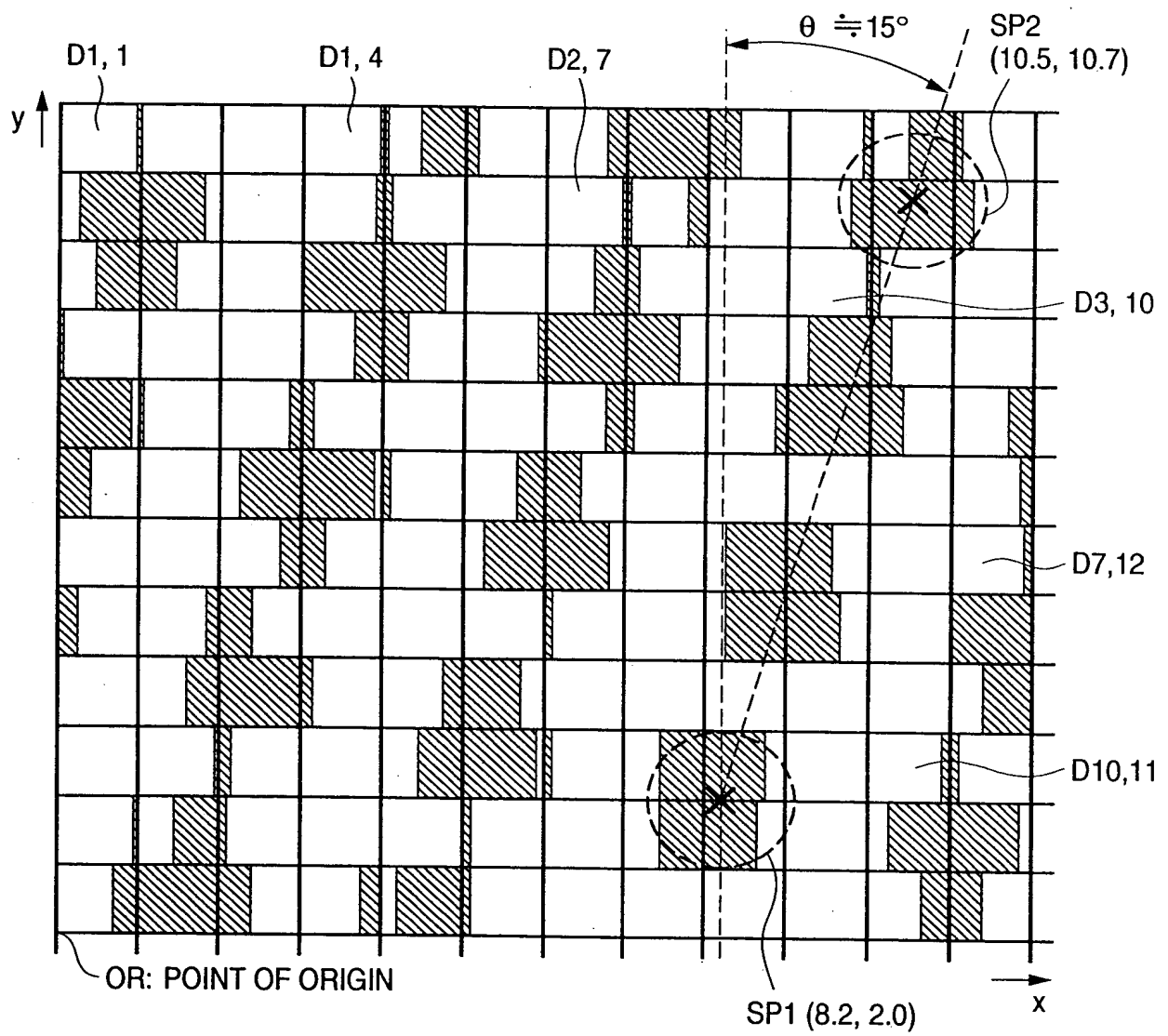


FIG. 11

ENTIRE SYSTEM CONFIGURATION

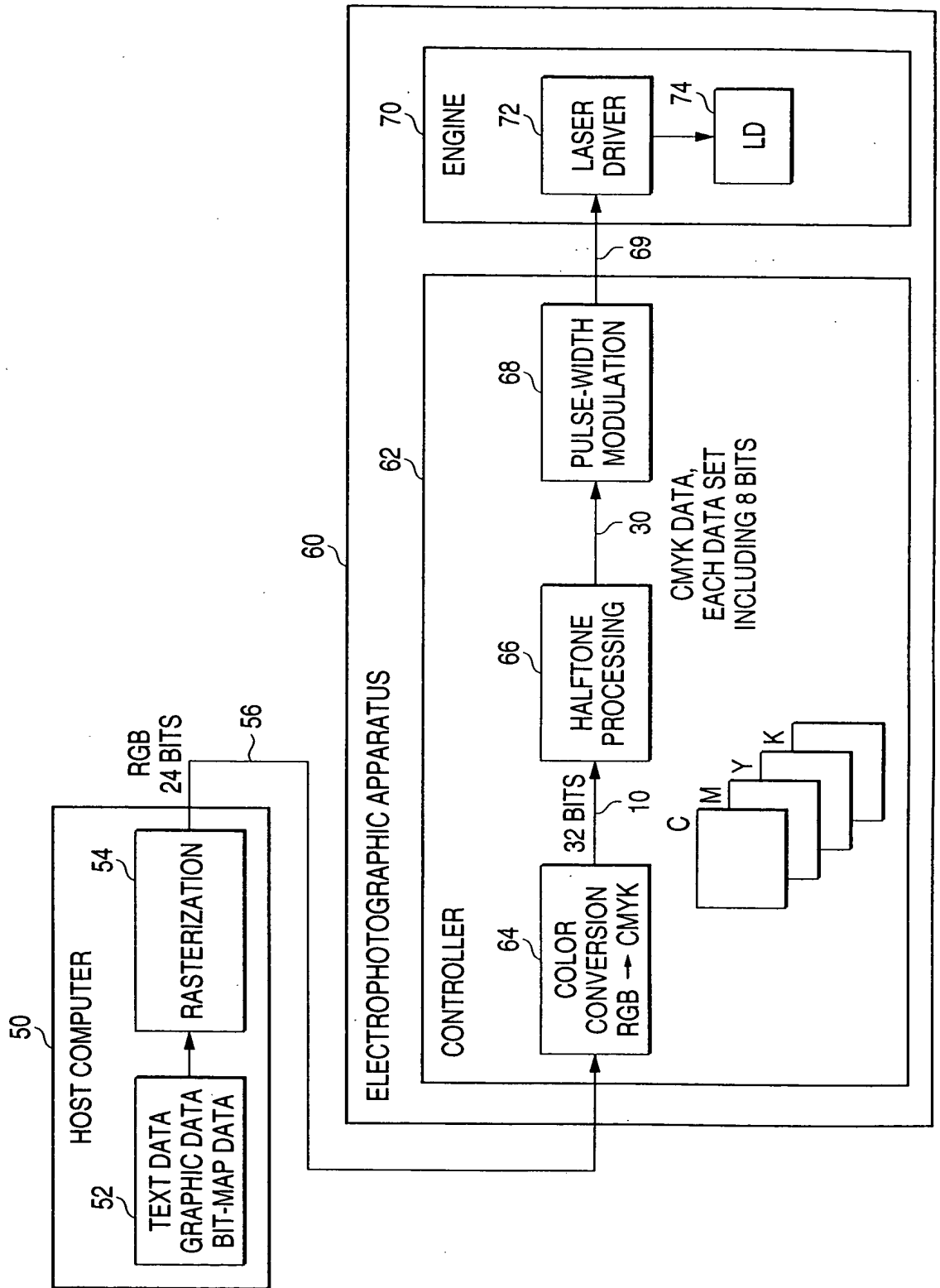


FIG. 12

ANOTHER ENTIRE SYSTEM CONFIGURATION

